

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Jeffrey H. BURBANK, et al.	Confirmation No.:	6407
Appl. No.:	10/544,124	Examiner:	Not Yet Assigned
Filing Date:	August 7, 2006	Art Unit:	3762
Title:	WASTE BALANCING FOR EXTRACORPOREAL BLOOD TREATMENT SYSTEMS		

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Listed on the attached Form PTO/SB/08A are documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 CFR §1.56. Enclosed for the Examiner's convenience is a copy of the listed documents. These materials are being submitted to comply with the provisions of 37 CFR §1.97-§1.98.

The citation of any document herewith, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

**CONCLUSION**

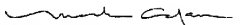
Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

Date: January 11, 2007

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By



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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/544,124
Filing Date	August 7, 2006
First Named Inventor	Jeffrey H. Burbank
Art Unit	3762
Examiner Name	Not Yet Assigned
Attorney Docket Number	53951-144

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of 5

Attorney Docket Number	53951-144
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## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>3</sup> (If known)			
	US	2003-0217962 A1	11-27-2003	CHILDERS, ET AL.	
	US	2004-0133145 A1	07-08-2004	BENE	
	US	2004-0215129 A1	10-28-2004	EDGSON, ET AL.	
	US	2004-0267184 A1	12-30-2004	BURBANK, ET AL.	
	US	2004-0050789 A1	03-18-2004	ASH	
	US	2005-0126998 A1	06-16-2005	CHILDERS	
	US	2005-0131331 A1	06-16-2005	KELLY, ET AL.	
	US	2005-0131332 A1	06-16-2005	KELLY, ET AL.	
	US	2005-0171475 A1	08-04-2005	DELNEVO	
	US	2005-0197612 A1	09-08-2005	LEVIN, ET AL.	
	US	2005-0205476 A1	09-22-2005	CHEVALLET, ET AL.	
	US	2005-0209563 A1	09-22-2005	HOPPING, ET AL.	
	US	2005-0020958 A1	01-27-2005	PAOLINI, ET AL.	
	US	2005-0230292 A1	10-20-2005	BEDEN, ET AL.	
	US	2005-0234384 A1	10-20-2005	WESTBERG, ET AL.	
	US	2005-0234385 A1	10-20-2005	VANDLIK, ET AL.	
	US	2005-0251086 A1	11-10-2005	STERNBY	
	US	2005-0043665 A1	02-24-2005	VINCI, ET AL.	
	US	2005-0045540 A1	03-03-2005	CONNELL, ET AL.	

**FOREIGN PATENT DOCUMENTS**

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Examiner  
Signature

/ / eslie Deak /

Date Considered

05/19/2009

\* Examiner: initial if reference concerned, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include initial copy of the reference with need communicated to applicant. \* Applicant's unique identification designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPPEP 901.04. \* Enter Office: the number of the Applicant's main office in the WIPO Standard ST.16. \* For Japanese patent documents, indicate the year of the Applicant's most proceeds the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is by mail, twice a week, to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case, but on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		US 2005-0061740 A1	03-24-2005	FELDING, ET AL.	
		US 2005-0065459 A1	03-24-2005	ZHANG, ET AL.	
		US 2005-070837 A1	03-31-2005	FERRARINI, ET AL.	
		US 2005-0082210 A1	04-21-2005	FAVRE	
		US 2005-0085760 A1	04-21-2005	WARE, ET AL.	
		US 2005-0090774 A1	04-28-2005	TONELLI, ET AL.	
		US 4,275,726	06-30-1981	FRESENIUS	
		US 4,479,760	10-30-1984	BILSTAD, ET AL.	
		US 4,479,761	10-30-1984	BILSTAD, ET AL.	
		US 4,479,762	10-30-1984	BILSTAD, ET AL.	
		US 4,576,603	03-18-1986	MOSS, ET AL.	
		US 4,596,550	06-24-1986	TROUTNER	
		US 4,610,781	09-09-1986	BILSTAD, ET AL.	
		US 4,614,590	09-30-1986	RATH, ET AL.	
		US 4,617,115	10-14-1986	VANTARD	
		US 4,629,448	12-16-1986	CARLSSON, ET AL.	
		US 4,666,598	05-19-1987	HEATH, ET AL.	
		US 4,670,007	06-02-1987	WHEELDON, ET AL.	
		US 4,702,829	10-27-1987	POLASCHEGG, ET AL.	

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Examiner Signature	/Leslie Deak/	Date Considered	05/19/2009
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Number-Kind Code <sup>2</sup> if known			
		US 4,711,715	12-08-1987	POLASCHEGG	
		US 4,713,171	12-15-1987	POLASCHEGG	
		US 4,765,888	08-23-1988	BARTHE, ET AL	
		US 4,770,787	09-13-1988	HEATH, ET AL.	
		US 4,857,199	08-15-1989	CORTIAL	
		US 4,894,150	01-16-1990	SCHUREK	
		US 4,894,164	01-16-1990	POLASCHEGG	
		US 4,899,057	02-06-1990	KOJI	
		US 4,909,931	03-20-1990	BIBI	
		US 4,923,598	05-08-1990	SCHAL	
		US 4,950,395	08-21-1990	RICHALLEY	
		US 4,997,570	03-05-1991	POLASCHEGG	
		US 5,194,157	03-16-1993	GHEZZI, ET AL	
		US 5,211,849	05-18-1993	KITAEVICH, ET AL	
		US 5,247,434	09-21-1993	PETERSON, ET AL	
		US 5,277,820	01-11-1994	ASH	
		US 5,344,568	09-06-1994	KITAEVICH, ET AL	
		US 5,399,157	03-21-1995	GOUX, ET AL	
		US 5,441,636	08-15-1995	CHEVALLET, ET AL	

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature: /Leslie Deak/

Date Considered

05/19/2000

**EXAMINER:** Include only reference considered, whether or not citation is in conformance with WIPO 809. Draw line through citation if not in conformance, and not considered. Initial copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number, if any, in parentheses. <sup>2</sup>Kind(s) of documents. <sup>3</sup>USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or WIPO 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard 3.4). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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	US-	5,470,483	11-28-1995	BENE, ET AL.	
	US	5,476,592	12-19-1995	SIMARD	
	US	5,484,397	01-16-1996	TWARDOWSKI	
	US	5,486,286	01-23-1996	PETERSON, ET AL.	
	US	5,487,827	01-30-1996	PETERSON, ET AL.	
	US	5,518,623	05-21-1996	KESHAVIAH, ET AL.	
	US	5,522,998	06-04-1996	POLASCHEGG	
	US	5,569,463	10-29-1996	HELMUS, ET AL.	
	US	5,616,305	04-01-1997	MATHIEU	
	US	5,662,806	09-02-1997	KESHAVIAH, ET AL.	
	US	5,679,245	10-21-1997	MANICA	
	US	5,698,090	12-16-1997	BENE, ET AL.	
	US	5,702,597	12-30-1997	CEHVALLET, ET AL.	
	US	5,725,776	03-10-1998	KENLEY, ET AL.	
	US	5,744,027	04-28-1998	CONNELL, ET AL.	
	US	5,762,805	06-09-1998	TRUITT, ET AL.	
	US	5,776,345	07-07-1998	TRUITT, ET AL.	
	US	5,808,181	09-15-1998	WAMSIEDLER, ET AL.	
	US	5,836,908	11-17-1998	BEDEN, ET AL.	

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature	/Leslie Deak/	Date Considered	05/19/2009
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		US- 5,836,908	11-17-1998	BEDEN, ET AL.	
		US- 5,846,419	12-08-1998	NEDERLOF	
		US- 5,863,421	01-26-1999	PETER, ET AL.	
		US- 5,871,694	02-16-1999	BEDEN, ET AL.	
		US- 5,919,154	07-06-1999	TOAVS, ET AL.	
		US- 5,951,870	09-14-1999	UTTERBERG	
		US- 6,039,877	03-21-2000	CHEVALLET, ET AL.	
		US- 6,042,784	03-28-2000	WAMSIEDLER, ET AL.	
		US- 6,044,691	04-04-2000	KENLEY, ET AL.	
		US- 6,066,281	05-23-2000	SPICKERMANN	
		US- 6,979,309	12-27-2005	BURBANK, ET AL.	
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